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1-6. (CANCELED)

7. (CURRENTLY AMENDED) An axle (1) with wheel hub drive including, ☒
comprising: ☒
a motor housing (11) including an electric motor (3) cooled by a cooling fluid ☒
and having a neck (7) containing at least one cooling fluid channel (8, 9) for flow of a ☒
cooling fluid. ☒
a wheel head (2) including: ☒
a hub mounting (12) rotatably mounted to the neck (7) of the ☒
motor housing (11) and including a wheel bearing (5) for a wheel (6), and ☒
[[a]] an annular cooling fluid channel (10) is arranged ☒
circumferentially with the in the region of a wheel bearing (5) through which the ☒
cooling fluid flows and connected with the at least one cooling fluid channel (8, 9) in ☒
the motor housing (11), thereby providing a flow of cooling fluid to cool at least the ☒
wheel bearing (5). ☒

8. (CURRENTLY AMENDED) The axle with wheel hub drive according to claim 7, wherein

wheel heads (2) can be cooled by the flow of cooling fluid to the annular ☒
cooling fluid channel (10) to cool at least the wheel bearing (5) is comprised of a ☒
[[the]] cooling fluid of the electric motor (3) of the wheel hub drive. ☒

9. (CURRENTLY AMENDED) The axle with wheel hub drive according to claim 7, wherein the at least one cooling fluid channel (8, 9) comprises two first and ☒
second cooling fluid channels (8, 9) respectively for providing the cooling fluid to the ☒
wheel head (2) and recirculating the cooling fluid from the are provided in a neck (7) ☒
of a motor housing (11) in which the cooling fluid is fed into and eliminated from a ☒
wheel head (2).

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10. (PREVIOUSLY PRESENTED) The axle with wheel hub drive according to claim 7, wherein the cooling fluid channel (10) is provided in a hub mounting (12) of respective wheel head through which the cooling fluid of the electric motor (3) is introduced directly in the region of the wheel bearing (5), the cooling fluid flows annularly on the hub mounting (12) until recirculation.

11. (PREVIOUSLY PRESENTED) The axle with wheel hub drive according to claim 7, wherein the axle (1) includes a supply pipe (18) for supplying the cooling fluid into at least two wheel heads (2), a connection channel (19) between the at least two wheel heads (2) and a cooling fluid recirculation line (20) proceeding from a first wheel head so that the cooling fluid flows through the supply line (18) to the first wheel head and from there through the connection channel (19) into a second wheel head, so that a cooling water inflow and a cooling water recirculation line (18, 19) are needed on a part of the motor vehicle.

12. (PREVIOUSLY PRESENTED) The axle with wheel hub drive according to claim 7, wherein a metal sheet (13) is arranged in a wheel head (2) for separating the cooling fluid in the cooling fluid channel (10) from oil.

13. (NEW) An axle with a wheel hub drive including an electric motor (3) which is cooled by a cooling fluid, and the axle further including a wheel bearing (5) for facilitating rotation of a wheel (6),

wherein a cooling fluid channel (10) is arranged adjacent a region of the wheel bearing (5) through which the cooling fluid flows to facilitate cooling the wheel bearing (5).

14. (NEW) The axle with wheel hub drive according to claim 7, wherein two separate wheel heads (2) are cooled by the cooling fluid supplied to the electric motor (3) of the wheel hub drive.

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15. (NEW) The axle with wheel nub drive according to claim 7, wherein first and second channels (8, 9) are provided in a neck (7) of a motor housing (11) by which the cooling fluid is fed into and removed from a wheel head (2).

16. (NEW) The axle with wheel hub drive according to claim 7, wherein the cooling fluid channel (10) is provided in a hub mounting (12) of respective wheel head through which the cooling fluid of the electric motor (3) is introduced directly in the region of the wheel bearing (5), and the cooling fluid flows annularly along the hub mounting (12) for recirculation.

17. (NEW) The axle with wheel hub drive according to claim 7, wherein the axle (1) includes a supply pipe (18) for supplying the cooling fluid into at least first and second wheel heads (2), a connection channel (19) which connects the first wheel head (2) with the second wheel head (2), and a cooling recirculation line (20) proceeding from a second wheel head so that the cooling fluid flows through the supply line (18) to the first wheel head through the connection channel (19) to the second wheel head and to the cooling recirculation line (20).

18. (NEW) The axle with wheel hub according to claim 7, wherein a metal sheet (13) is arranged in a wheel head (2) for separating the cooling fluid in the cooling fluid channel (10) from lubrication oil for the wheel.

19. (NEW) An axle with a wheel hub drive including an electric motor (3) which is cooled by a cooling fluid, and the axle further including a wheel bearing (5) for facilitating rotation of a wheel (6),

wherein a cooling fluid channel (10) is arranged adjacent a region of the wheel bearing (5) and couples the electric motor (3) with the wheel bearing (5) so that the cooling fluid flows, at least during operation of the electric motor (3), to the wheel bearing (5) to facilitate cooling the wheel bearing (5).

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